PTO/SB/08a (07-05)

Approved for use through 7/31/06. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

rsons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995 Substitute for form 1449A/PTO Complete if Known JAN 1 7-2007 10/568402 **Application Number** INFORMATION DISCLOST 02/13/2006 Filing Date STATEMENT BY APPLICAND First Named Inventor Pearson Art Unit 1621 Parsa **Examiner Name** (use as many sheets as necessary) 16515.4002 Sheet **Attorney Docket Number**

		U.S. PA	ATENT DOCUMENTS	
Examiner		U.S. Patent Document	Publication Date	Name of Patentee or
Initials	Cite No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document
W-1	AA	4348487 A	09/07/1982	Goldstein et al.
X P	AB	5767165 A	06/16/1998	Steinberg et al.

		FOREIGN PA	TENT DOCUMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document Country ³ Number ⁴ Kind Code ^{5 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T⁰
021	BA	GB 2139224 A	11/07/1984	Institut Français du Petrole	T
Q N	BB	GB 2134601 A	08/15/1984	Foster Wheeler Energy Corp.	
Q.P	ВС	GB 2025418 A	01/23/1980	Instytut Ciezkioj Syntezy Organieznej	
A.D	BD	GB 2110558 A	06/22/1983	Snamprogetti SpA	

			_	<u> </u>		
I Examiner	OHS West:260151650.1	~ *		-	Date	
1	1	()~ ' (2)	\smile	a~	50.0	1 1/4/19773 1
Signature	1	U Ø		,	Considered	1 1/1/200
						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicants unique citation designation number (optional). 'See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form after suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450

IAP20 Recording to 13 FEB 2006

PTO/SB/08a (07-05) Approved for use through 7/31/06. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for	form 1449A/PTO		Complete	668402	
				Application Number	Unknown
1	NFORMATION	I DISCLOSURI	E	Filing Date	Filed herewith
	STATEMENT I	BY APPLICAN	Γ	First Named Inventor	Pearson
	•			Art Unit	Unknown .
	(use as many she	eets as necessary)		Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	16515.4002

		U.S. PA	ATENT DOCUMENTS	
Examiner		U.S. Patent Document	Publication Date	Name of Patentee or
Initials	Cite No.		MM-DD-YYYY	Applicant of Cited Document
J. J.	AA	2460508 A1	02/01/49	Johnson et al.
	AB	2649468 A1	08/18/53	Benedict et al.
	AC	4409405 A1	10/11/83	Lin et al.
	AD	4913842 A1	04/03/90	Yoneoka et al.
	AE	5073356 A1	12/17/91	Guro et al.
	AF	5763716 A1	06/09/98	Benham et al.
	AG	6028119 A1	02/22/00	Kokubu et al.
	AH	6191174 B1	02/20/01	Early et al.
	Al	6218439 B1	04/17/01	Kobayashi et al.
	AJ	6232352 B1	05/15/01	Vidalin
	AK	6274096 B1	08/14/01	Thiebaut et al.
	AL	6300380 B1	- 10/09/01	Kobayashi et al.
	AM	6444712 B1	09/03/02	Janda
	AN	6486219 B1	11/26/02	Janda et al.
	AO	6495610 B1	12/17/02	Brown
	AP	6512018 B2	01/28/03	Kennedy
	AQ	6531630 B2	03/11/03	Vidalin
	AR	6534551 B2	03/18/03	. Allam et al.
	AS	2003/0083390 A1	05/01/03	Shah et al.
	AT	6599491 B2	07/29/03	Vidalin
	AU	6632846 B2	10/14/03	Sheppard et al.
	AV	6673845 B2	01/06/04	Price
	AW	6696501 B2	02/24/04	Schanke et al.
	AX	6706770 B2	03/16/04	Patel et al.
	AY	6747067 B2	06/08/04	Melnichuk et al.
	AZ	2004/0180971 A1	09/16/04	Inoue et al.
	BA	2005/0113463 A1	05/26/05	O'Rear et al.
	BB	2005/0113465 A1	05/26/05	O'Rear et al.
	BC	2005/0113466 A1	05/26/05	Guillard et al.
	BD	2005/0137269 A1	06/23/05	Hershkowitz et al.
	BE	6946493 B2	09/20/05	Mohedas et al.
JB	BC	6958363 B2	10/25/05	Espinoza et al.
xaminer Signature		o. Pa		Date 1/4/2508

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicants unique citation designation number (optional). 'See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, Mail Stop Amendment, P.O. Poxy 1450, Alexandria, VA 23313-1450. Box 1450, Alexandria, VA 22313-1450

IAP20 Rec'd PCT/PTO 13 FEB 2006

PTO/SB/08a (07-05)

Approved for use through 7/31/06. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for	form 1449A/PTO			Complete if Known		
				Application Number	LB 68402	
ı	NFORMATIO	N DISCLOSURE		Filing Date	Filed herewith	
	STATEMENT	BY APPLICANT	7	First Named Inventor	Pearson	
				Art Unit	Unknown	
	(use as many sh	eets as necessary)		Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	16515.4002	

		FOREIGN PA	TENT DOCUMENTS		
Examiner Initials	Cite No.1	Foreign Patent Document Country ³ Number ⁴ Kind Code ^{5 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
dt	CA	GB 2162172 A	01/29/1986	Davy McKee LTD.	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
QV	DA	Database CAPLUS on STN, Chemical Abstract (Columbus OH,US) CA: 107:136324, Alberta Gas Chemical Ltd "Manufacture of Alcohol and Catalysts for use" NL 8502813, 1987.	
	DB		

			_
Examiner		Date	\Box
Signature	a. fam	Considered 1/4/2008	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicants unique citation designation number (optional). 'See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, Mail Stop Amendment, P.O. Roy 1450, Alexandria VA 22313-1450. Box 1450, Alexandria, VA 22313-1450